

**AMENDMENTS TO THE CLAIMS**

1. (Currently amended) A set of purified peptides comprising peptide products resulting from the degradation of elastin by the enzyme matrix metalloproteinase 12 (MMP12), wherein the set of peptides ~~comprise~~ comprises at least twenty of the peptides identified in Table 2.
2. (Canceled).
3. (Currently amended) The set of purified peptides as claimed in claim 1 which ~~comprise~~ comprises at least ninety of the peptides identified in Table 2.
4. (Currently amended) The set of purified peptides as claimed in claim 1 which ~~comprise~~ comprises at least one hundred and fifty of the peptides identified in Table 2.
5. (Currently amended) A set of purified peptides comprising purified peptide products resulting from the degradation of elastin by the enzyme matrix metalloproteinase 12 (MM12) (MMP12), wherein the set of peptides ~~comprise~~ comprises all the peptides identified in Table 1.
6. (Currently amended) The set of purified peptides as claimed in claim 1 which ~~comprise~~ comprises all the peptides identified in Table 2.